Bruhat Bangalore Mahanagara Palike
Exceecutive Engineer Yelahanka Division

Name of the work :- Providing U.G.D work System in Ward No-02 of Yelahanka Sub Divisiom.

Job Code; **Est Cost: Rs. 37.50 Lakhs**

Sl no	Description of Item	No	L	B	D	Qty	Rate	Amount
1	KSRB 2-2 : Earthwork excavation by manual means for foundation of buildings, water supply and sanitary lines and electrical conduits etc, either in pits or in trenches 1.5m and above in width, in soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. including breaking of clods complete as per specifications. – do – in ordinary soil. No. KBS 2.1(a) / 2.3.5 (P.No-6 ,I No-2.3 of PW,P&IWTD S.R 2018-19)							
	UGD							
	B1	1	25.00	0.90	0.90	20.25		
	B2	1	65.00	0.90	0.90	52.65		
	B3	1	40.00	0.90	0.90	32.40		
	NHIG D2	1	75.00	0.90	0.90	60.75		
	NHIG D3	1	70.00	0.90	0.90	56.70		
	NHIG D4	1	115.00	0.90	0.90	93.15		
	For Missing Bits	1	480.00	0.90	0.90	388.80		
						704.70	**316.94**	**223347.62**
							Per Cum	
	Basic Rate	299.00						
	Area Wtg 6%	17.94						
	Net Rate	316.94						
2	KSRB 2-2.3 : Excavation by manual means for foundation of buildings, water supply & sanitary lines and electrical conduits etc., either in pits or in trenches 1.50m and above in width, in soft rock / ordinary rock not exceeding 1.50mtrs in depth including stacking the excavated stuff clear from edges of excavation with lead upto 50mt including cost of explosives, labour, HOM complete as per specifications. specification. No. KBS 2.1C/2.9.4/2.18/2.19 (P.No.06, I.No.2.5 of PW,P&IWTD S.R 2018-19)							
	UGD							
	B1	1	25.00	0.60	0.80	12.00		
	B2	1	65.00	0.60	0.80	31.20		
	B3	1	40.00	0.60	0.80	19.20		
	NHIG D2	1	75.00	0.60	0.80	36.00		
	NHIG D3	1	70.00	0.60	0.80	33.60		
	NHIG D4	1	115.00	0.60	0.80	55.20		
	For Missing Bits	1	480.00	0.60	0.80	230.40		
						417.60	**727.16**	**303662.02**
							Per Cum	
	Basic Rate	686.00						
	Area Wtg 6%	41.16						
	Net Rate	727.16						

Sl no	Description of Item	No	L	B	D	Qty	Rate	Amount
3	KSRB 12-1.4 : Providing and laying in position to required level or slope internal diameter salt glazed stoneware pipes grade A and jointing with stiff mixture of cement mortar in proportion of 1:1, testing of pipes and joints,including cost of materials, labour charges complete as per specifications. Specification No. KBS 12.2.5 / 12.7 -do- 230mm (Page no.70, item no.11.4 of KPWD S.R 2018-19).							
	UGD							
	B1	1	25.00			25.00		
	B2	1	65.00			65.00		
	B3	1	40.00			40.00		
	NHIG D2	1	75.00			75.00		
	NHIG D3	1	70.00			70.00		
	NHIG D4	1	115.00			115.00		
	For Missing Bits	1	480.00			480.00		
						870.00	**568.16**	**494299.20**
							Per Mtr	
	Basic Rate	536.00						
	Area Wtg 6%	32.16						
	Net Rate	568.16						
4	KSRB 2-4 : Refilling available earth around pipe lines, cables in layers not exceeding 20cms in depth, compacting each deposited layer by ramming after watering with lead upto 50m. and lift upto 1.5 m. including cost of all labour complete as per specifications. (P.No.7, I.No. 2.11 of KPWD S.R18-19)							
	UGD							
	B1	1	25.00	0.60	1.80	27.00		
	B2	1	65.00	0.60	1.80	70.20		
	B3	1	40.00	0.60	1.80	43.20		
	NHIG D2	1	75.00	0.60	1.80	81.00		
	NHIG D3	1	70.00	0.60	1.80	75.60		
	NHIG D4	1	110.00	0.60	1.80	118.80		
	For Missing Bits	1	480.00	0.60	1.80	518.40		
						934.20	**128.26**	**119820.49**
							Per Cum	
	Basic Rate	121.00						
	Area Wtg 6%	7.26						
	Net Rate	128.26						
5	KSRRB M400-17. Providing, laying, spreading and compacting crushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. MORTH Specification No. 406 (P.No.155, I.No.20.18 of KPWD S.R 2018-19).							

Sl no	Description of Item	No	L	B	D	Qty	Rate	Amount
	UGD							
	B1	1	25.00	0.60	0.30	4.50		
	B2	1	65.00	0.60	0.30	11.70		
	B3	1	40.00	0.60	0.30	7.20		
	NHIG D2	1	75.00	0.60	0.30	13.50		
	NHIG D3	1	70.00	0.60	0.30	12.60		
	NHIG D4	1	110.00	0.60	0.30	19.80		
	For Missing Bits	1	480.00	0.60	0.30	86.40		
						155.70	**2001.28**	**311599.30**
	Basic Rate 1888.00						Per Cum	
	Area Wtg 6% 113.28							
	Net Rate 2001.28							
6	KSRB 12-5.5 : Constructing brick masonry circular type manhole 1.52 m internal dia at bottom,and 0.56m dia at top, with table moulded and non-modular bricks of class designation 50 in cement mortar 1:4, inside cement plaster 12mm thick with cement mortar 1:3, finished with a floating coat of neat cement, foundation concrete M 10 mixed using 40mm and down size granite metal and making necessary channel in cement concrete 1:2:4 mix with 20mm anddown size granite metal, finished with a floating coat of neat cement, with S.F.R.C. cover and frame (heavy duty, HD-20 grade designation) 560mm internal diameter confirming to IS :12592, total weight length of cover and frame to be not less than 182 kg, fixed in cement concrete M 15 20mm and down size broken granite metal, providing and removing centering, shuttering including cost of materials, labour charges, HOM of mechineries complete as per specifications. (Excavation, footrests and 12mm thick cement plaster on the external surface shall be paid seperately) Specification No. KBS 12.4 -do- 2.30m deep (Page no.72, item no.11.41 of KPWD S.R 2018-19).							
	UGD	10				10.00		
		20				20.00		
						30.00	**48630.68**	**1458920.40**
							Per Nos	
	Basic Rate	45878.00						
	Area Wtg 6%	2752.68						
	Net Rate	48630.68						
7	KSRB 12-6.1 : Providing 20mm square M.S footrest and fixing in manhole with M 10 cement concrete block of 20x20x10cms, using 20mm and down size metal of size including cost of materials, labour charges, curing complete as per specifications. Specification No. KBS 12.4.6.(P.No.73, I.No.11.44 of KPWD S.R 2016-17).							
	For Chamber	80				80.00		
						80.00	**292.56**	**23405.00**
							Per Nos	
	Basic Rate	276.00						

Sl no	Description of Item	No	L	B	D	Qty	Rate	Amount
	Area Wtg 6%	16.56						
	Net Rate	292.56						
8	KSRB15-3.3 : Providing 12mm thick cement plaster in single coat with cement mortar 1:6, to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications.(P.No.115, I.No.15.11 of KPWD S.R 2018-19).							
	For Chamber	29	1.52		2.30	101.38		
						101.38	**204.58**	**20741.00**
							Per Sqm	
	Basic Rate	193.00						
	Area Wtg 6%	11.58						
	Net Rate	204.58						
9	KSRB 2.6 : Providing and filling sand in foundation to required depth for sub soil treatment including watering ramming with all lead and lift complete as per specifications. specification. No. KBS 2.10.2 (P.No.7, I.No.2.13 of KPWD S.R 2018-19).							
	UGD							
	B1	1	25.00	0.60	0.30	4.50		
	B2	1	65.00	0.60	0.30	11.70		
	B3	1	40.00	0.60	0.30	7.20		
	NHIG D2	1	75.00	0.60	0.30	13.50		
	NHIG D3	1	70.00	0.60	0.30	12.60		
	NHIG D4	1	110.00	0.60	0.30	19.80		
	For Missing Bits	1	480.00	0.60	0.30	86.40		
						155.70	**2183.60**	**339987.00**
							Per Cum	
	Basic Rate	2060.00						
	Area Wtg 6%	123.60						
	Net Rate	2183.60						
10	KSRRB M100-1 Loading and Unloading of Stone Boulder / Stone aggregates /Sand/ Kanker / Moorum. KSRRB M100-1 : Placing tipper at loading point, loading with front end loader,dumping, turning for return trip, excluding time for haulage and return trip complete as per specifications. MORTH -100/ Chapter 1 From 0 to 5 Kms (P.No.136, I.No.17.1 of KPWD S.R S.R 2018-19).							
	Qty vide item No 1					694.70		
	(2*1.28*5)+57=69.80					**694.70**	**69.80**	**48490.00**
							Per cmtr	

Description of Item		No	L	B	D	Qty	Rate	Amount
Add GST Charges 12%						Total Rs		3344273.00
Miscellaneous and unforeseen charges								401313.00
								4414.00
						Total Rs:-		3750000.00

CERTIFICATES

The work will be Executed within BBMP limit only
The work spot is inspected by me
The items Provided in the Estimate are quite Essential
The Estimate is prepared Based on CSR 2016-2017

Assistant Engineer
Ward no 02
BBMP, Bangalore.

Assistant Executive Engineer
Yalahanka Sub-division
BBMP, Bangalore.

Executive Engineer
Yelahanka division
BBMP, Bangalore.

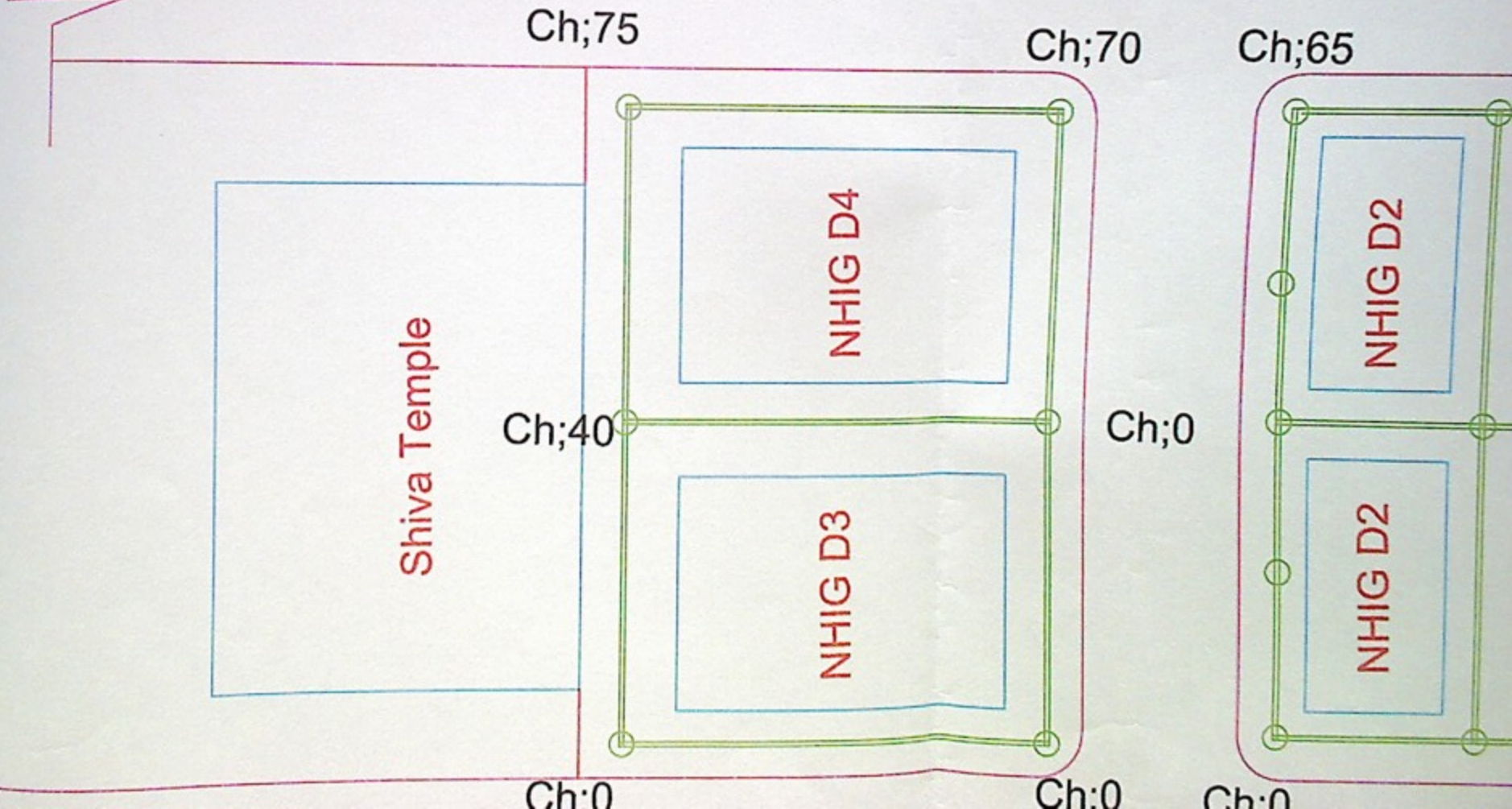
Administrative Apprdval
Accorded For RS37.50/each
Head of A/C P3295
CER NO :111/18-19 Dt:08.01.2019

TA CE (YNK)

Technical Sanction
Accorded For RS37.50/each
Head of A/C P3295
CER NO :197/18-19 Dt:08.01.2019

TA CE (YNK)

oviding U.G.D work System in
of Yelahanka Sub Divis



System in Ward No-02
a Sub Division.

Ch;70

Ch;0

Ch;0

NHIG D2

NHIG D2

NHIG D2

NHIG D2

Ch;0

Ch;65

Ch;0

Ch;25

Ch;80

2nd cross road

UGD